



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

14 March 2008

Construction Report

Foundation Grouting

Boart Longyear continued drilling (overburden) and casing using the sonic method in the critical section of TO#4. Boart is running 2 rigs. There are a total of 1095 holes in overburden, drilled and cased.

Production rock drilling (with 3 Cubex drills) on the work platform continued this week, as well as pressure washing and grouting operations.

ACT/Boart Longyear has temporarily suspended working on V-Line treatment in order to concentrate on initial line closure; 8 of 23 completed.

285 holes have been identified as necessary for initial line closure. Of those 285 holes, 157 are complete, or 55%. 80 holes are in progress, with grouting operations ongoing in 36 of those.

There is a total of over 568,500 gallons of grout in 645 holes along the embankment. To date, over 572,965 gallons of grout have been pumped into the foundation in all areas.



Inside grouting batch plant

This Week's Activities

- Continue sonic drilling and installation of PVC casing by Boart Longyear with 2 drill rigs
- Continue rock production drilling with 3 Cubex drills, with concentration in the priority areas needed for initial line closure
- Continue pressure testing and grouting, with concentration in the priority areas needed for initial line closure

Water Management Report

On 03/12/08, Lake Cumberland pool level was 689.81. The discharge for the next several days will be approximately 20000 cfs through five turbines. The increased discharge is due to high pool levels that are a result of rain occurring over the past several days. There is 1.5 to 2.0 inches of rain predicted during the next 3 days. Recent rainfall over the Ohio River basin has caused the stage at Cairo to exceed flood level; therefore, it is necessary to coordinate Cumberland River System operations so as not to exacerbate flooding in that region.

Lake Cumberland Elevation

689.81

Time: 0600

12 Mar 2008

